(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 12 May 2005 (12.05.2005)

PCT

(10) International Publication Number WO 2005/042322 A1

(51) International Patent Classification7:

B60T 8/00

(21) International Application Number:

PCT/IT2003/000706

(22) International Filing Date: 31 October 2003 (31.10.2003)

(25) Filing Language:

Italian

(26) Publication Language:

English

- (71) Applicant (for all designated States except US): PIRELLI PNEUMATICI S.P.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MANCOSU, Federico [IT/IT]; c/o Pirelli Pneumatici S.p.A., 222, Viale Sarca, I-20126 Milano (IT). BRUSAROSCO, Massimo [IT/IT]; c/o Pirelli Pneumatici S.p.A., Viale Sarca, 222, I-20126 Milano (IT). CALATRONI, Andrea [IT/IT]; c/o Pirelli Pneumatici S.P.A., Viale Sarca, 222, I-20126 Milano (IT).
- (74) Agents: POSTIGLIONE, Ferruccio et al.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

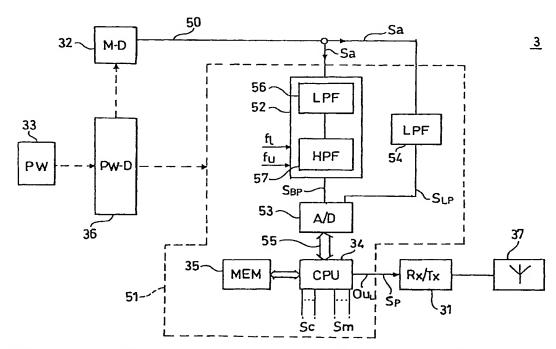
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, EG, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT (utility model), PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A METHOD AND A SYSTEM FOR DETERMINING THE ROUGHNESS OF A TYRE ROLLING SURFACE



(57) Abstract: A method for determining the roughness of a tyre rolling surface, comprising the stages of: providing a first signal (Sa) representative of the motion of at least one point of the tyre during its rolling of on the surface, processing the first signal for providing an output (OUL) indicative of the roughness of said rolling surface of the tyre.